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File 108

CHICAGO
O'HARE
INTERNATIONAL
AIRPORT

PROGRESS REPORT / July 1962



CITY OF CHICAGO

Richard J. Daley
Mayor

TRAN
LARGE
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9797.7C4
R451
1962

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CHICAGO O'HARE INTERNATIONAL AIRPORT

*Revenue Bond
Improvement Program*

RICHARD J. DALEY, *Mayor*

GEORGE L. DEMENT, *Commissioner of Public Works*

WILLIAM E. DOWNES JR., *Commissioner of Aviation*

JOHN C. MELANIPHY, *Corporation Counsel*

ALVIN L. WEBER, *Comptroller*

JOHN F. WARD, *Purchasing Agent*

CHARLES F. MURPHY

Consulting Engineer



Interior view of completed Terminal Building #8 with waiting room seating in place. Concessions are located on this level behind glass wall on right with airline offices on mezzanine above. Terminal Buildings have been in operation since January 16, 1962.

July 1, 1962

Mr. George L. DeMent
Commissioner of Public Works
City Hall
Chicago 2, Illinois

Dear Commissioner DeMent: Chicago - O'Hare International Airport
Progress Report No. 37

Following is the report on construction progress at Chicago - O'Hare International Airport for the period since the last report dated February 1, 1962.

Since the start of construction in March 1959, 48 contracts having a total value of approximately \$114,000,000 have been completed. Nine contracts are in progress with construction valued at approximately \$9,700,000 in place to date. Since the last report, the following contracts have been completed:

RB-11	Eastern Air Lines Hangar	\$ 3,810,681.60
RB-16	Concourse Buildings	11,656,322.20
RB-19	Trans World Airlines Hangar	4,828,959.62
RB-21	Joint Airfreight Buildings #1 & #2	1,492,061.41
RB-30	Northwest-Braniff Hangar	1,454,197.04
RB-33	Utilities - Phase II	1,560,390.34
RB-35	Heating & Refrigeration Plant	4,359,836.08
RB-36	Ozark Air Lines Hangar	572,705.90
RB-37	Flying Tiger Cargo Facility	950,055.01
RB-38	Fire Station	532,718.91
RB-41	Apron and Taxiway Paving	6,297,692.46
RB-42	Restaurant Structure & Curtain Wall	913,314.00
RB-43	United Air Lines Hangar Extension	2,164,267.61
RB-46	Tunnel Utilities, Phase I	1,883,248.00
RB-50	Terminal Buildings Seating	82,080.00
RB-51	Service Road & Asphalt Paving	774,102.72
RB-52	Airfield Lighting, Phase I	433,857.35
RB-54	Reservoir Outfall Structure	71,551.00

Following are reports on remaining contracts in the First Stage Development Program.

RB-23, Fueling System, Satellite & Terminal Areas: Underground piping is being installed adjacent to concourse #3. All other work is completed and the fueling system is in operation serving all gate positions in use in the new terminal facilities.

RB-44, Parking Lot & Lower Level Road: The remaining section of the parking lot is being graded and sub-grade is being prepared for paving. Sidewalks and curbs are being constructed. It is estimated that the entire parking lot with the exception of an area adjacent to the existing water reservoir will be completed and in operation in September.

RB-47, Restaurant Superstructure: Precast wall panels are being installed in the lower level. Interior masonry walls are being erected. Structural concrete work within the building has been completed and structural steel is being erected for the kitchen and private dining room enclosures. Heating and plumbing piping and ductwork is being installed throughout the building. Efforts are being concentrated to complete the lower level area at the earliest possible date. Work on the overall contract is substantially on schedule.

RB-48, Entrance Road Lighting: Work started on the final phase of this contract on June 25th. This work will remove temporary light standards and install permanent poles at the old intersection of the entrance road and Mannheim Road before relocation.

RB-49, Signs, Clocks and Public Address System: The signs and the clock system have been completed. The public address system is in operation, but special heat resistant speakers remain to be installed in the ceiling area where heating elements are located.

RB-53, Hangar Area Paving: Grading and preparation of sub-grade for apron paving adjacent to building #3 is completed. Two gate positions have been paved and are now being used by tenant airlines on a restricted basis. Some delay has been encountered due to requests by tenant airlines for the addition of underground starting systems and other revisions.

RB-55, Exterior Signing: Bids for traffic and directional signs were received on May 1, 1962. Since bids exceeded estimates drawings are being revised and this contract will be rebid shortly.

RB-56, Airfield Lighting, Phase II: Bids for this work which will complete the airfield lighting system provided in the revenue bond program were received on June 4, 1962. The low bidder was Premier Electrical Contractors, Inc. with a bid of \$59,454.00. Work was started on June 20th.

RB-57, Landscaping: Bids were received on April 17, 1962. The low bid of \$244,620.15 was submitted by G. Wilken Landscaping Co. Work was started on April 25th. Excessive heat early in the year delayed some of the planting work. Some shrubbery was installed in the Terminal Area and along the entrance road. Remaining landscape work will be completed in the next planting season in Fall.

RB-58, Grading, Topsoiling and Seeding: Engineering has been completed and bids will be received in July for this work which includes general grading of the airport and topsoiling and seeding in the Terminal and Hangar Areas.

RB-59, Mail Boxes: Bids were received on April 12, 1962 for mail boxes to be installed in the terminal buildings. The low bidder was George F. Moring Co. with a bid of \$11,500.00. Fabrication of this equipment started May 28th.

RB-60, International Building #2, Foundations & Structural Framing: Only one bid was received on June 5th for this work. This bid which was not felt to be competitive was rejected and this contract will be rebid with Contract RB-64. Entire International Building will then be constructed as a single contract.

RB-61, Fire Protection System: Bids were received on June 22, 1962. The low bidder was S. J. Reynolds Co. with a bid of \$387,117.00. Bids are being reviewed and a starting date has not yet been established. This contract provides new equipment in the old water reservoir for additional fire protection, fire sprinkler mains in storage areas in the terminal buildings, and other miscellaneous work on the fire protection system.

RB-63, Central Heating & Air Conditioning Control System: Engineering is proceeding for this supervisory control system which will monitor heating and air conditioning equipment throughout the terminal area.

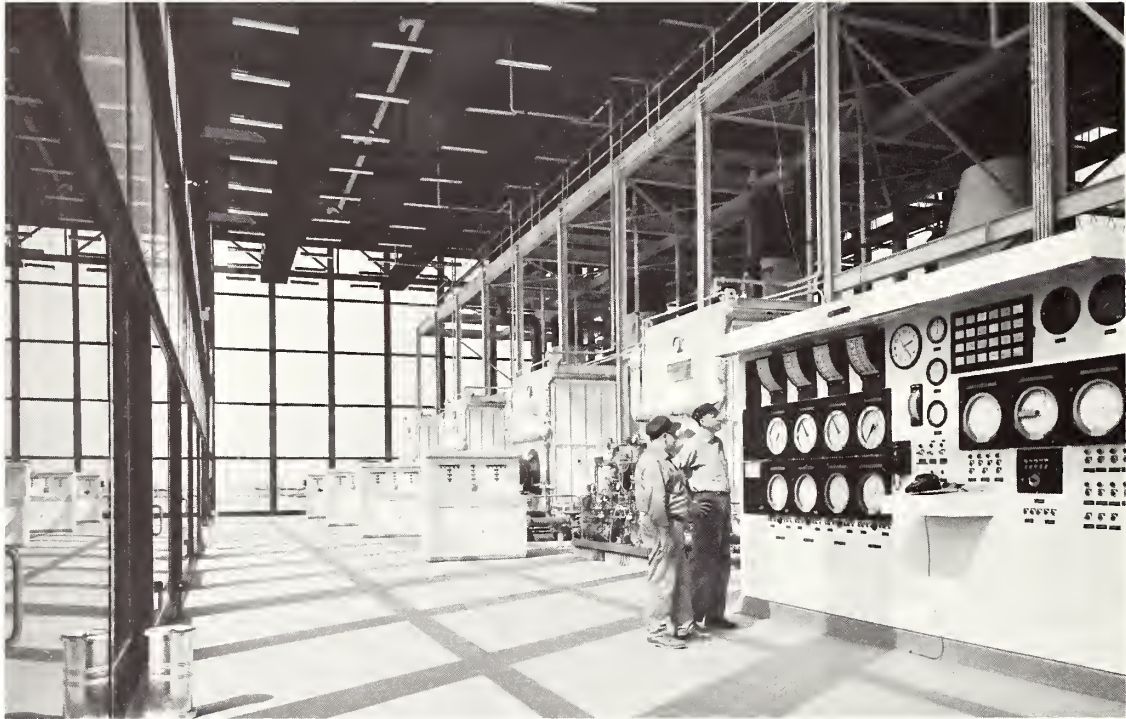
RB-64, International Building Superstructure & Expanded Weather Station: Engineering is nearing completion and bids for this work will be solicited shortly.

Attached is a report received from the City Comptroller showing the activity of the revenue bond funds.

Yours very truly,



Charles F. Murphy
Consulting Engineer



Interior of Heating & Refrigeration Plant showing high temperature water generators and control panels.



Refrigeration machines in the Heating & Refrigeration Plant. This contract is completed and the air conditioning system is in operation.



CITY OF CHICAGO
OFFICE OF THE CITY COMPTROLLER

ROOM 501, CITY HALL, CHICAGO 2, ILLINOIS

TELEPHONE, RANDOLPH 6-8000

RICHARD J. DALEY
MAYOR

ALVIN L. WEBER
CITY COMPTROLLER

OTTO H. LOSER
THOMAS F. MURPHY
DEPUTY COMPTROLLERS

July 1, 1962

TO WHOM IT MAY CONCERN:

The proceeds from the sale of \$145,000,000 par value Chicago-O'Hare International Airport Revenue Bonds on March 2, 1959 and February 28, 1961 aggregated \$144,290,854, consisting of \$142,312,000 principal, \$1,153,854 accrued interest and \$825,000 premium. As much of the money as practicable has been continually invested in U. S. Treasury securities. The cash and securities are held by the trust department of The First National Bank of Chicago. Investment income received on the Interest During Construction Fund to December 31, 1961 was credited to that Fund inasmuch as the Fund was invested in such manner that the cost of the investments, together with income on the investments, provided the exact amount required to pay interest coupons on outstanding revenue bonds to January 1, 1962. Investment income received on all other Funds to June 30, 1962 has been credited to the General Construction Fund under the terms of the bond ordinance.

	<u>Construction Account</u>		<u>Interest</u>	
	<u>Hangars</u>	<u>General</u>	<u>During</u>	<u>Total</u>
			<u>Construction</u>	
Proceeds from sale of revenue bonds, March 2, 1959 and February 28, 1961	\$30,470,000	\$ 95,740,644	\$18,080,210	\$144,290,854
Interest received on investments	----	9,287,783	207,540	9,495,323
Total	\$30,470,000	\$105,028,427	\$18,287,750	\$153,786,177
Disbursements	30,040,691	94,659,178	18,287,750	142,987,619
Balance June 30, 1962	\$ 429,309	\$ 10,369,249	\$ ----	\$ 10,798,558
Represented by:				
Cash on deposit	\$ 108	\$ 518	\$ ----	\$ 626
U. S. Government securities, at cost	429,201	10,368,731	----	10,797,932
Total	\$ 429,309	\$ 10,369,249	\$ ----	\$ 10,798,558

The above data are as reflected on the records in the office of the City Comptroller and are correct.

Alvin L. Weber
Alvin L. Weber
City Comptroller



Aerial view of Terminal Area showing preparation of sub-grade for paving of remaining section of parking lot. Tree holes for landscaping can be seen in foreground. Circular restaurant building between terminals is under construction and is scheduled to be completed later this year.



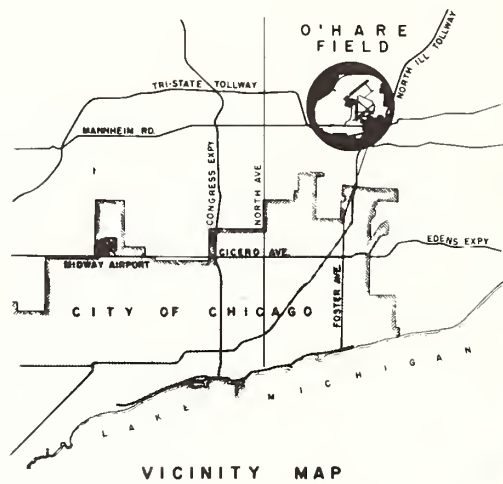
Terminal Building #2 (Building #4) as seen from beneath the elevated roadway. Departing passengers use the upper level roadway and arriving passengers claim baggage on the lower level and board transportation for the City.

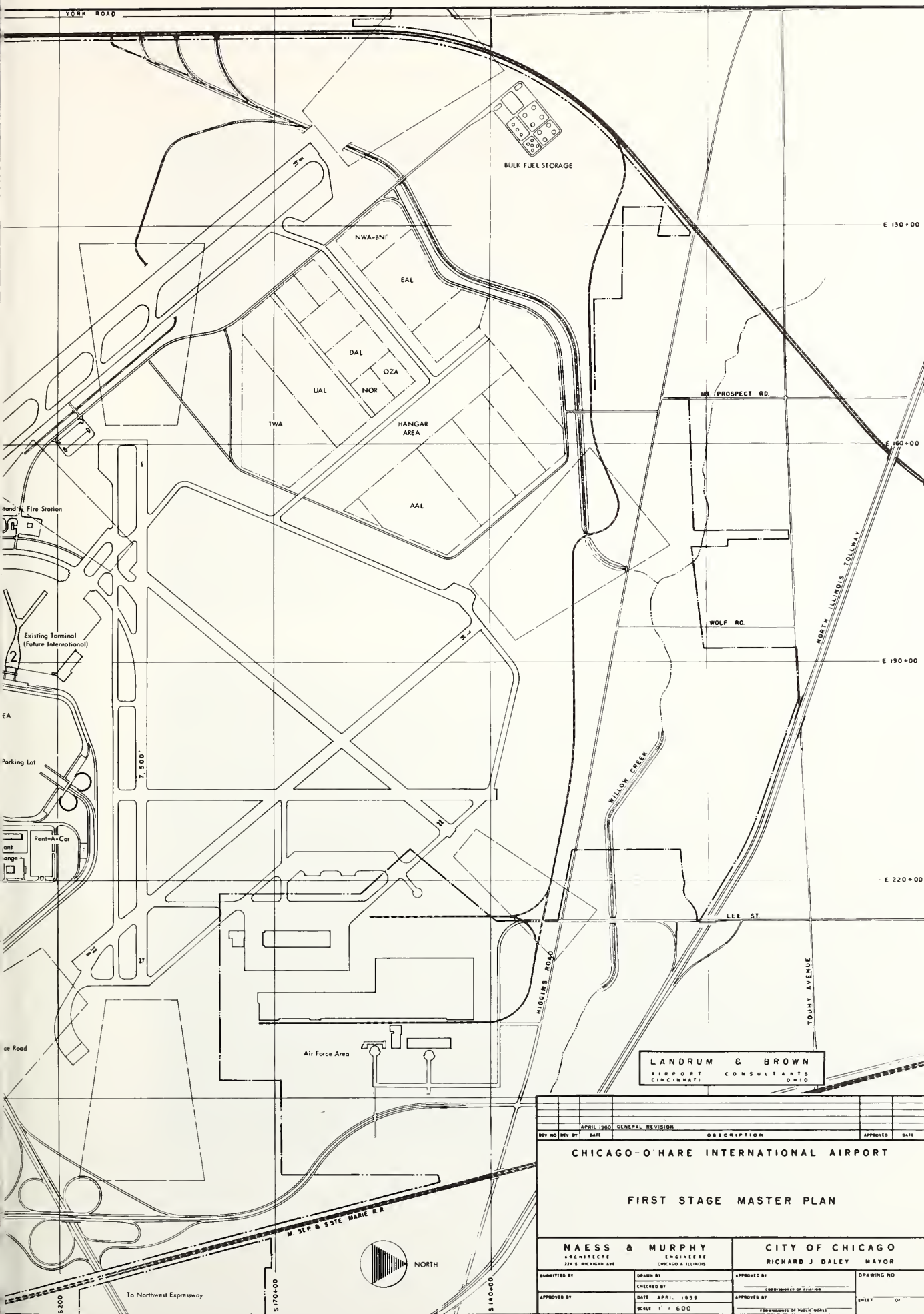


Ticketing lobby on the upper level of Building #8.



Interior of concourse building with departure lounges where passengers wait to board aircraft.





LANDRUM & BROWN
AIRPORT CONSULTANTS
CINCINNATI, OHIO

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Overall view of airport as construction under the First Stage Development Program nears completion. Hangar Area is in the left foreground and Terminal Area to the upper right.



Aerial view of the Terminal Area. Final section of the apron paving is being installed adjacent to Building #3 in the mid-foreground. Cargo Area is seen in the upper right.

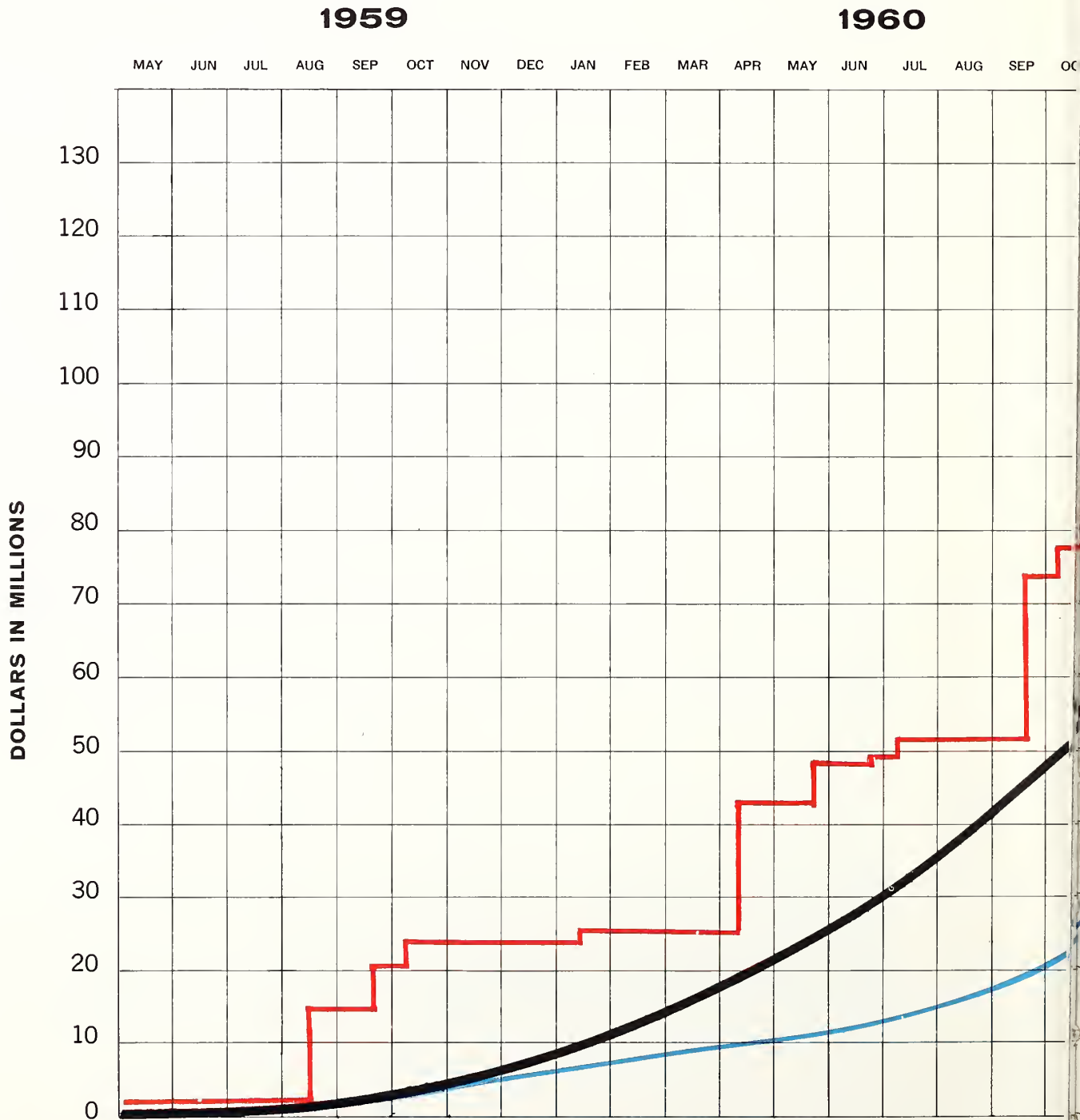


Circular restaurant building under construction between terminal buildings. Temporary passages through this building connecting the terminals and concourses allow normal terminal operation during construction.



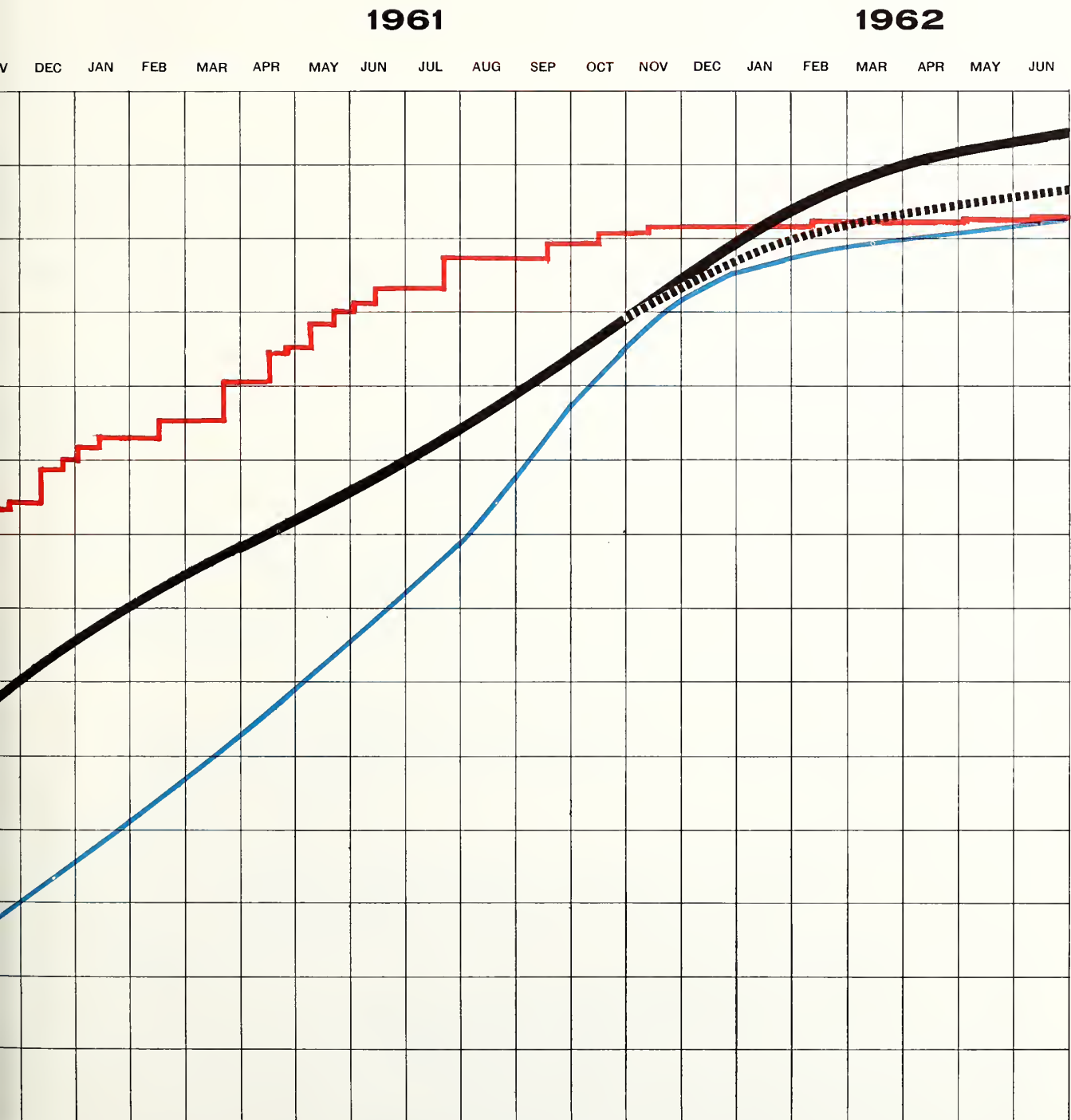
Close up of old terminal building which will be remodelled for use as an International Terminal. Installation of utilities and preparation of sub-grade for final section of apron paving is seen in center.

CHICAGO-O'HARE INTERNATIONAL AIRPORT EXPENDITURES FROM REVENUE BOND ACCOUNT



KEY:

-  ESTIMATED EXPENDITURE
-  TOTAL ACTUAL EXPENDITURE
-  VALUE OF CONTRACTS AWARDED



..... Estimated expenditures revised to reflect latest cost estimates as reported May 18, 1962.



Completed bulk fuel storage area now in operation supplying aircraft by underground fueling system. Capacity of the storage area is approximately 4,000,000 gallons. An additional 1,000,000 gallons of fuel is also stored in the underground satellite tanks around the Terminal Area.



Fuel filters and oil separators for underground fueling system in Terminal Area. Truck Fill Stand is seen at right.

PROGRESS REPORT / July 1962





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